determining that the second message includes server advertisement information relating to at least one service provided by a first server; and

comparing information relating to the first request and the server advertisement information in order to determine whether a match may be identified.

68. (new)   The method of claim 67:

wherein first request includes information indicating a desire to access a first service for a first desired price; and

wherein the server advertising information includes information indicating an ability to provide at least one service at at least one specified price.

69. (new)   The method of claim 67:

wherein first request includes information indicating a desire to access a first service; and

wherein the server advertising information includes information indicating an ability to provide at least one service.

70. (new)   The method of claim 67:

wherein first request includes information indicating a first degree of urgency in performing a first service; and

wherein the server advertising information includes information indicating at least one degree of expected delay in performing the first service.

71. (new)   The method of claim 67:

wherein first request includes information indicating a first desired priority relating to a first service; and

wherein the server advertising information includes information indicating at least one degree of free capacity relating to at least one ~~service~~ Service.

72. (new)   The method of claim 67:

wherein first request includes information indicating a first set of server requirements relating to a first service; and

wherein the server advertising information includes information indicating at least one set of server capabilities relating to at least one ~~service~~ Service.

compare information relating to the first request and the server advertisement information.

89. (new)   The router of claim 85 being further configured or designed to:

determine that the first message includes a first request from a first client device for a first service;

determine that the second message includes server advertisement information relating to at least one service provided by a first server; and

compare information relating to the first request and the server advertisement information in order to determine whether a match may be identified.

90. (new)   The router of claim 89:

wherein first request includes information indicating a desire to access a first service for a first desired price; and

wherein the server advertising information includes information indicating an ability to provide at least one service at at least one specified price.

91. (new)   The router of claim 89:

wherein first request includes information indicating a desire to access a first service; and

wherein the server advertising information includes information indicating an ability to provide at least one service.

92. (new)   The router of claim 89:

wherein first request includes information indicating a first degree of urgency in performing a first service; and

wherein the server advertising information includes information indicating at least one degree of expected delay in performing the first service.

93. (new)   The router of claim 89:

wherein first request includes information indicating a first desired priority relating to a first service; and

wherein the server advertising information includes information indicating at least one degree of free capacity relating to at least one ~~service~~ Service.

Application No.: 10/665,838   7

94. (new)   The router of claim 89:

wherein first request includes information indicating a first set of server requirements relating to a first service; and

wherein the server advertising information includes information indicating at least one set of server capabilities relating to at least one service. ~~service;~~

95. (new)   The router of claim 89:

wherein first request includes information indicating a desire to perform a first set of subtasks; and

wherein the server advertising information includes information indicating a capability of performing at least one set of subtasks.

96. (new)   The router of claim 89:

wherein first request includes information indicating a desire to obtain a first set of products or services; and

wherein the server advertising information includes information indicating an ability to provide at least one set of products or services.

97. (new)   The router of claim 85 being further configured or designed to:

determine that the first message includes a first request from a first client device for a first service;

determine that the second message includes server advertisement information relating to at least one service provided by a first server;

compare information relating to the first request and the server advertisement information;

identify a first match relating to the first request and the server advertisement information; and

generate at least one match message which includes information relating to the first match.

98. (new)   The router of claim 97:

wherein the first message corresponds to a client message originating from a first client device;

wherein first request includes information indicating a first degree of urgency in performing a first service; and

wherein the server advertising information includes information indicating at least one degree of expected delay in performing the first service.

114. (new)   The computer program product of claim 110:

wherein first request includes information indicating a first desired priority relating to a first service; and

wherein the server advertising information includes information indicating at least one degree of free capacity relating to at least one ~~service;~~ service.

115. (new)   The computer program product of claim 110:

wherein first request includes information indicating a first set of server requirements relating to a first service; and

wherein the server advertising information includes information indicating at least one set of server capabilities relating to at least one ~~service;~~ service.

116. (new)   The computer program product of claim 110:

wherein first request includes information indicating a desire to perform a first set of subtasks; and

wherein the server advertising information includes information indicating a capability of performing at least one set of subtasks.

117. (new)   The computer program product of claim 110:

wherein first request includes information indicating a desire to obtain a first set of products or services; and

wherein the server advertising information includes information indicating an ability to provide at least one set of products or services.

118. (new)   The computer program product of claim 106 further comprising:

computer code for determining that the first message includes a first request from a first client device for a first service;

computer code for determining that the second message includes server advertisement information relating to at least one service provided by a first server;